

Application No. 10/765,416
Filed: January 27, 2004
TC Art Unit: 3742
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AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract with the following amendment:

~~The~~An active cooling panel ~~comprises—includes~~ a first part and a second part of thermostructural composite material, each part having an inside face and an opposite outside face.
~~†The first and second parts beingare~~ assembled together by bonding their respective inside faces together, ~~and eChannels beingare~~ formed by indentations ~~formed in the inside face of at least one of the first and second parts.~~ The active cooling panel further includes a sealing layer bonded to at least one of the first and second parts and situated at a distance from the assembled-together inside faces thereof. ~~The invention is applicable—Such active cooling panels can be used to making~~ heat exchanger walls, such as ~~the walls forof a the~~ combustion chambers of an aircraft engines, ~~or the~~ diverging portions of a rocket engines, or portions of a plasma confinement chambers in a nuclear fusion reactors.